

CLAIMS

What is claimed is:

1. A sizing guide for assisting in sizing a femoral prosthetic device during an orthopedic procedure, comprising:
a sizing block mountable proximate a distal end of a femur at a fixed position relative to a centerline of the femoral canal; and
5 a stylus member movably mounted to the sizing block, the stylus member being adjustable relative to the anterior cortex of the femur to provide a size indication for the femoral prosthetic device.
2. The sizing guide as recited in claim 1, wherein the stylus member is rotatable with respect to the sizing block.
3. The sizing guide as recited in claim 2, wherein the stylus member comprises a plurality of radially extending arms having corresponding pins of differing lengths, each pin being positioned to extend toward the anterior cortex when rotated into proximity with the femur.
4. The sizing guide as recited in claim 3, wherein the position of each pin relative to the sizing block is selected to indicate a flange height of the femoral prosthetic device.
5. The sizing guide as recited in claim 1, wherein the sizing block further comprises a medial-lateral sizing feature.
6. The sizing guide as recited in claim 1, wherein the sizing block further comprises a posterior sizing feature.
7. The sizing guide as recited in claim 5, wherein the sizing block further comprises a posterior sizing feature.
8. The sizing guide as recited in claim 1, wherein the sizing block has an opening to receive a rod extending from the femoral canal.
9. The sizing guide as recited in claim 8, wherein the opening passes through the sizing block at an angle selected to generally match the angle of the femoral canal relative to the distal end of the femur.
10. The sizing guide as recited in claim 9, wherein the orientation of the opening through the sizing block is adjustable.

11. A method for sizing a prosthetic device to be located at a distal end of the femur, comprising:

deploying a rod member within a femoral canal of a femur such that a rod end extends from the distal end of the femur;

5 mounting a sizing guide to the rod end; and

performing sizing measurements based on the position of the femoral canal.

12. The method as recited in claim 11, wherein performing comprises sizing an anterior dimension of the prosthetic device from the femoral canal to an anterior cortex region.

13. The method as recited in claim 11, wherein performing comprises sizing a flange height of the prosthetic device along the femur.

14. The method as recited in claim 11, wherein performing comprises sizing a medial-lateral dimension of the prosthetic device relative to the femoral canal.

15. The method as recited in claim 11, wherein performing comprises sizing a posterior dimension of the prosthetic device relative to the femoral canal.

16. The method as recited in claim 11, wherein performing comprises sizing:

an anterior dimension of the prosthetic device from the femoral canal to an anterior cortex region;

a flange height of the prosthetic device along the femur;

5 a medial-lateral dimension of the prosthetic device relative to the femoral canal; and

a posterior dimension of the prosthetic device relative to the femoral canal.

17. The method as recited in claim 11, wherein deploying comprises deploying a trial stem coupled to a trial stem adapter such that the trial stem is disposed in the femoral canal and the trial stem adapter extends externally of the femoral canal.

18. The method as recited in claim 17, wherein mounting comprises sliding the sizing guide along the trial stem adapter into position against the distal end of the femur.

19. The method as recited in claim 12, wherein sizing the anterior dimension comprises rotating a stylus member with respect to the sizing guide until a pin is positioned proximate an anterior region of the femur.

20. A method for sizing a prosthetic device to be located at a distal end of the femur, comprising:

- mounting a sizing guide proximate an end of a femur at a fixed position
relative to the femoral canal; and
5 utilizing the sizing guide to perform at least one of a plurality of available
femoral measurements.

21. The method as recited in claim 20, wherein mounting comprises mounting the
sizing guide on a trial stem adapter extending outwardly from the femoral canal.

22. The method as recited in claim 20, wherein utilizing comprises determining an
anterior distance corresponding to an implant of a specific size.

23. The method as recited in claim 20, wherein utilizing comprises determining a
flange height corresponding to an implant of a specific size.

24. The method as recited in claim 20, wherein utilizing comprises determining a
medial-lateral dimension corresponding to an implant of a specific size.

25. The method as recited in claim 20, wherein utilizing comprises determining a
posterior dimension corresponding to an implant of a specific size.

26. The method as recited in claim 21, further comprising providing the sizing
guide with a sizing block having:

a generally flat surface to abut the femur; and

an opening to receive the trial stem adapter therethrough.

27. The method as recited in claim 26, further comprising orienting the opening at
an angle with respect to an axis perpendicular to the generally flat surface.

28. The method as recited in claim 27, further comprising selecting the angle to be
approximately 6 degrees.

29. The method as recited in claim 26, further comprising attaching a rotatable
stylus having measurement pins to the sizing block; and rotating one or more
measurement pins into proximity with an anterior cortex region of the femur.

30. A sizing guide for assisting in sizing a femoral prosthetic device during an
orthopedic procedure, comprising:

a sizing block mounted at a fixed location with respect to a femoral canal of
the femur, the sizing block providing an indication of a properly sized
5 femoral prosthetic device based on the position of the sizing block
relative to the femoral canal.

31. The sizing guide as recited in claim 30, further comprising a rotatable stylus that may be adjusted to size the femoral prosthetic device based on the distance between the femoral canal and an anterior flange of the femoral prosthetic device.

32. The sizing guide as recited in claim 30, wherein the sizing block comprises an opening for slidably receiving a rod extending from the femoral canal.

33. The sizing guide as recited in claim 32, wherein the angular orientation of the opening is adjustable between at least two positions.

34. The sizing guide as recited in claim 31, further comprising a medial-lateral sizing feature to indicate medial-lateral dimensions of the femoral prosthetic device.

35. The sizing guide as recited in claim 32, further comprising a posterior sizing feature to indicate posterior dimensions of the femoral prosthetic device.

36. The sizing guide as recited in claim 31, wherein the rotatable stylus comprises a plurality of arms of differing lengths.

37. The sizing guide as recited in claim 36, wherein a pin is coupled to each arm, the pin being oriented to extend towards an anterior region of the femur when the sizing block is at the fixed location.

38. A system for sizing a prosthetic device to be located at a distal end of the femur, comprising:

means for mounting a sizing guide proximate an end of a femur at a fixed position relative to the femoral canal; and

5 means for utilizing the sizing guide to perform at least one of a plurality of available femoral measurements.

39. The system as recited in claim 38, wherein the means for mounting comprises a sizing block having an opening for receiving a rod extending from the femoral canal.

40. The system as recited in claim 39, wherein the means for utilizing comprises a rotatable stylus.